



DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET NO	TOTAL SHEETS
04	SF, Alameda	80	12.2/14.3	0.0/4.0	407a	1204
			06S45			

Syn Yee Chin

03/08/10

REGISTERED ELECTRICAL ENGINEER

DATE

05-06-2010

PLANS APPROVAL DATE

PB AMERICAS, Inc.

A Parsons Brinckerhoff Company

303 Second St., Suite 700N

San Francisco, CA 94107-1317

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Caltrans now has a web site. To get to the web site, go to <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER

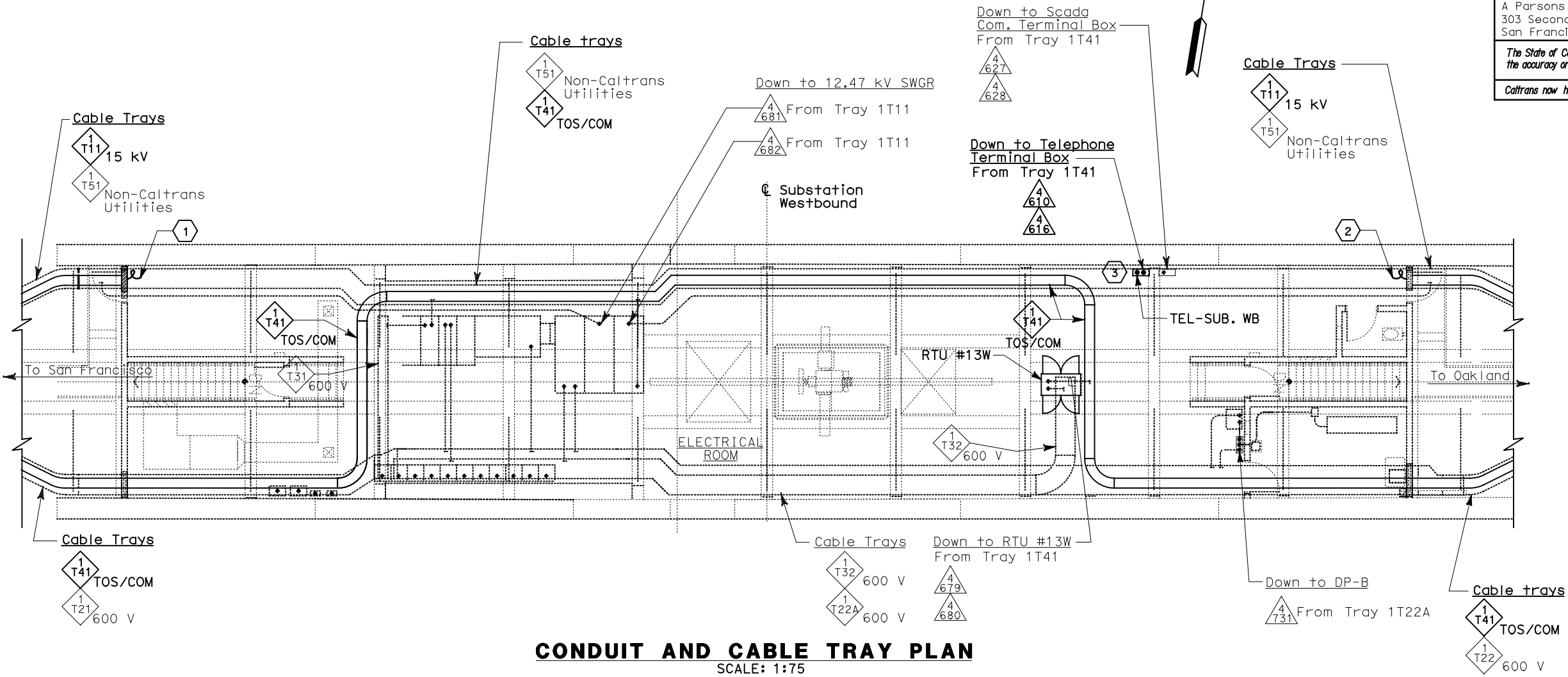
SYN YEE CHIN

No. 18186

Exp. 09/30/2011

ELECTRICAL

STATE OF CALIFORNIA



CONDUIT AND CABLE TRAY PLAN  
SCALE: 1:75

NOTES:

- This plan sheet is a record drawing from Skyway Structures contract. The Contractor shall verify the existing installation. See sheet EE-12 from Skyway Structures, contract No. 04-012024.
- The installed components shall not be limited to the ones listed below, but shall be a complete installation. For details, see Bridge Structures Girder Westbound, typical Details sheets.
  - Furnish and install the 15 kV cables into the existing cable trays shown on this drawing. See sheets E-664 and E-665.
  - Furnish and install the TOS fiber optic cables into the existing cable trays shown on this drawing. Pull TOS fiber optic cables in the main tray. See sheets E-978 through E-981.
  - Inspect for system ground continuity. See sheets E-666 and E-667.
  - Remote Terminal Unit #13W. See sheets E-902, and E-910 through E-920.
- All cable trays, conduits and equipment shown on this drawing are existing. Bold ones are to be used for pulling cable. Contractor to ensure that 90° bends on trays are satisfactory to meet the minimum bending radius for cables.

SHEET NOTES:

- Contractor to coil 25 m of 15 kV cable, sufficient to make future terminations to 12.47 kV switchgear.
- Contractor to coil 45 m of 15 kV cable, sufficient to make future terminations to 12.47 kV switchgear.
- Pull and terminate 50 pair telephone cable in Telephone Terminal Box. See sheets E-960, E-962 and E-964.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
	03/08/10	MEP INTEGRATION	SYN	FW	110
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
REVISIONS					

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

DETAILS  
BRIDGE STRUCTURES GIRDER WESTBOUND  
SKYWAY STRUCTURES-SUBSTATION WESTBOUND  
SCALE: AS NOTED

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

0

20

40

60

80

DGN FILE => 04-0120f1\_E-644.dgn  
USERNAME => ilorico

LAST REVISION 00-00-00  
DATE PLOTTED => 06-MAY-2010  
TIME PLOTTED => 18:06